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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number	10/588,568
				Filing Date	August 4, 2006
				First Named Inventor	Michael TESAR, et al.
				Art Unit	Unassigned
				Examiner Name	Unassigned
Sheet	1	of	4	Attorney Docket Number	49974-035USNATL

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	A1	US 2002/164788	11-7-2002	ELLIS, et al.	
	A2	US 2003/211553	11-13-2003	LOGTENBERG, et al.	
	A3	US 2004/141982	07/22/2004	MAYO	
	A4	US 5,545,405	08-13-1996	PAGE	
	A5	US 7,223,397	05-29-2007	ROSENBLUM, et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code* Number* Kind Code ³ (if known)				
	B1	WO 02/6347 A	01-24-2002	CRUCELL, et al.		
	B2	WO 96/16990 A	06-06-1996	WELCOME FOUND [GB]		
	B3	EP 1 174 440 A	01-23-2002	BISYB B. V.		
	B4	WO 2006/125640 A	11-30-2006	MORPHOSYS AG		
	B5	WO 2005/103083 A2	11-03-2005	MORPHOSYS AG		
	B6	AU 8267501 A	01-30-2002	LOGTENBERG, et al.	See Corresponding US pub.	
	B7	EP 1720907 A2	11-15-2006	MORPHOSYS AG (DE)		
	B8	WO 02/32288	04-25-2002	TRUDEAU INST., INC.		
	B9	WO 05/087806	09-22-2005	BOEHRINGER INGELHEIM PHARM.		
	B10	WO 00/40265	07-13-2000	RESEARCH DEV. FOUNDATION		
	B11	WO 94/17184	08-04-1994	SCHERING CORP.		
	B12	WO 99/62526	12-09-1999	MAYO FOUNDATION		
	B13	WO 06/099875	09-28-2006	GENMAB A/S		
	B14	WO 05/042019	05-12-2005	UNIV. OF ROCHESTER		
	B15	WO 06/110581	10-19-2006	CHIRON CORP.		
	B16	WO 00/48361	08-17-2000	ISIS INNOV. LTD.		
	B17	WO 06/088951 A2	08-24-2006	TRUDEAU INST. INC.		

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NON PATENT LITERATURE DOCUMENTS			
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		ANTONELLI, et al., "Human anti-CD38 autoantibodies raise intracellular calcium.."; Diabetes (2001) vol. 50; pp 985-991	
		AUSIELLO, et al., "Functional topography of discrete domains of human CD38"; Tissue Antigens, (2000); vol 56(6); pp 539-47	
		BOLLEN P., et al., "The Goettingen Minipig in pharmacology and toxicology"; Pharmacology and Toxicology, (1997); vol. 80; pp 3-4; XP009075772; ISSN 0901-9928	
		CHAMOW, et al., "Humanized, bispecific immunoadhesin-antibody that retargets"; J Immunol. (1994); vol1;153(9); pp 4268-80	
		DESHPANDE DEEPAK, et al., "Cloning and functional characterization of cDNA"; Faseb Journal; (2004); vol 18, No. 4-5; pp Abstr. 842.4 URL-http://www. XP009075817; ISSN 0892-6638	
		ELLIS, J., et al., "Engineered anti-CD38 monoclonal antibodies for immunotherapy of multiple myeloma"; Journal of Immunology; (1995); vol. 155, No. 2; pp 925-937; XP002146232	
		FERRERO E., et al., "Characterization and phylogenetic epitope mapping.."; BMC Immunology; (2004); vol. 5; pp 2004-09; XP002410155 ISSN: 1471-2172	
		FLAVELL, D., et al., "Therapy of human T-cell acute lymphoblastic leukaemia"; Br. J. Cancer; (2001); vol. 84; pp 571-578	
		FUNARO, A., et al., "Involvement of the multilineage CD38 molecule..." J. Immunol.; (1990); vol. 145; pp 2390-2396	
		HOSHINO S., et al., "Mapping of the catalytic and epitopic sites of human..." J. Immunol.; vol. 158 No. 2; pp 741-7	

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		JACKSON, D.C., et al., "Isolation of a cDNA encoding the human CD38 (T10)"; J. Immunol.; vol. 144 No. 7; pp 2811-5	
		KNAPPIK., et al., "Fully synthetic human combinatorial antibody libraries (HuCAL) based on modular.."; J Mol Biol (2000); 296; pp 57-86	
		KONOPEVA M., et al., "Ligation of cell surface CD38 protein with agonistic monoclonal.."; J. Immunol.; vol 161 No. (9), pp 4702-8	
		KREBS, B., et al., "High-throughput generation and engineering..."; J Immunol Methods (2001); vol 254; pp 67-84	
		LOHNING, C., et al., "Novel methods for displaying (poly) peptides/proteins on bacteriophage.."; (2001); WO 01/05950	
		MALAVASI, F., et al., "Characterization of a murine monoclonal antibody.."; Hum. Immunol. (1984); vol 9; pp 9-20	
		MALONEY D., et al., "Antibody therapy for treatment of multiple myeloma"; Seminars in Hematology, (1999-01); pp 30-33; XP000857401 ISSN: 0037-1963	
		MARCHETTI, P., et al., "Prolonged in vitro exposure to autoantibodies against.."; Diabetes; vol 51; pp 474-477	
		MEHTA, K., et al., "Retinoic acid-induced CD38 antigen as a target for immunotoxin.."; Mol Cancer Ther (2004); vol 3; pp 345-352	
		NAMBA, M., et al., "Establishment of five human myeloma cell lines"; In vitro Cell Dev. Biol; (1989) vol 25; pp 723	

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		NATA, K., et al., "Human gene encoding CD38 (ADP-ribosyl cyclase/cyclic ADP-ribose hydrolase)"; Gene (1997); vol 186, No. 2; pp 285-92	
		STEVENSON F. K., et al. "Preliminary Studies of an Immunotherapy Approach."; Blood, W.B. Saunders (1991); vol 77, No. 5; pp 1071-1079; XP000930093; ISSN 006-4971	
		ZHOU, H., et al., "Optimization of primer sequences for mouse scFv."; Nucleic Acids Res. (1994); vol 22; pp 888-889	
		ZOCCHI E., et al., "A single protein immunologically identified as CD38."; Biochemical and Biophysical Resch Comm. (1993); vol 196, No. 3; pp 1459-1465; XP 002410154 ISSN 0006	
		PNAS (1980), vol 77; pp 1588	
		Third International Workshop on Human Leukocyte Differentiation Antigens, Oxford, England; September 1986	
		Immunol (1990), vol 144; pp 2811	

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